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Tongue pressure production against hard palate during supraglottic swallow and super supraglottic swallow

Fujiwara, S ; Ono, T ; Tamine, K ; Fujiu-Kurachi, M ; Hori, K ; Maeda, Y ; Sara, B ; Nitschke, I ; Vith, U ; Bohlender, J

Abstract: Introduction: Supraglottic swallow (SS) and super supraglottic swallow (SSS) are voluntary airway protection techniques which are widely used in the rehabilitation of patients with dysphagia. Although there have been some reports about the effect of these techniques on the pharyngeal stage of swallowing, little is known about that on the oral stage. The purpose of this study is to investigate the influence of SS and SSS on the state of tongue-palate contact by measuring tongue pressure production against hard palate. Materials and Methods: Nineteen healthy adults (six males and thirteen females, average age; 25.9 years) participated in this study. Tongue pressure during swallowing 5 ml water with normal swallow, SS and SSS was measured by using an ultra-thin tongue pressure sensor sheet with 5 pressure-sensing points attached to the hard palate. Maximal magnitude, duration and integrated value of tongue pressure were analyzed based on the tongue pressure waveform obtained. Results and Discussion: Maximal magnitude and integrated values during SS were higher at posterior part of the hard palate than those during normal swallow, and those during SSS were higher at each part of the hard palate than those during normal swallow. In addition, those during SSS were higher at anterior-median part and posterior circumferential part of the hard palate than those during SS. These results suggest that SS and SSS facilitated tongue-palate contact which might improve bolus driving force in the oral stage. SSS was more effective than SS in this respect.

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Conference or Workshop Item

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2ND CONGRESS PROGRAMME

25-27 OCTOBER,
2012 BARCELONA,
WORLD TRADE
CENTRE

EUROPEAN SOCIETY FOR SWALLOWING DISORDERS

UNITING EUROPE AGAINST DYSPHAGIA

Updates in research, diagnosis and treatment of swallowing disorders and their complications.

Precongress course: Oropharyngeal dysphagia in stroke patients, 25 October.



Centre de Investigacions
Biomèdiques en Salut
Enfermalitats Hepàtiques
i Digestives



Ajuntament de Barcelona



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Welcome Letter



On behalf of the Local Organizing Committee, it gives me great pleasure to welcome you to the 2nd Congress of the European Society for Swallowing Disorders "Uniting Europe Against Dysphagia"

We are proud to present a first class programme with a faculty that includes the leaders in their field from around Europe and the rest of the world presenting the state-of-the-art and drafting position statements to establish the best clinical practice for these patients. In addition, the congress is a forum where many delegates are presenting their work to share and discuss the latest developments in all fields related to oropharyngeal dysphagia.

The nature of oropharyngeal dysphagia involves a diverse spectrum of health care professionals and we have designed the programme to interest this multi-disciplinary team. The high prevalence of the condition, an aging population and the proven cost-effectiveness of management of the patients with oropharyngeal dysphagia give enormous potential to development and improvement of care of these patients. This is our mission.

As president of the ESSD, I have the additional pleasure of welcoming you to my home city. A warm, Mediterranean centre of culture and science, Barcelona needs no introduction and I am sure it will surprise and delight you. The World Trade Centre is in the centre of the old port in the heart of the city, facing the sea.



I invite you to join us in making this event a memorable one. Welcome to Barcelona,

Pere Clavé
President of ESSD
Chair of the Local Organizing Committee

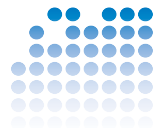


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Verin, Eric France
Walshe, Margaret Ireland
Wagner-Sonntag, Edith Germany
Woisard, Virginie France

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Speyer, Renée

Steele, Catriona
Tomas Barberan, Manuel
Vanderwegen, Jan
Verin, Eric
Wagner-Sonntag, Edith
Walshe, Margaret
Woisard, Virginie

Programme Overview

	PRECONGRESS COURSE
	Thursday 25 Oct
08.00-08.30	
08.30-9.00	
9.00-9.30	Welcome
9.30-10.00	Introduction: Prevalence of OD in stroke patients
10.00-10.30	
10.30-11.00	
11.00-11.30	Coffee Break
11.30-12.00	
12.00-12.30	Pathophysiology and Consequences of dysphagia in stroke
12.30-13.00	
13.00-13.30	
13.30-14.00	Lunch
14.00-14.30	
14.30-15.00	
15.00-15.30	Treatment of OD in stroke patients
15.30-16.00	
16.00-16.30	Coffee Break
16.30-17.00	Position Statement
17.00-17.30	
17.30-18.00	
18.00-18.30	
	Welcome reception†

†18.30 WTC Port Vell; ‡20.30 at Casa Fuster

*Room A2 & 3, all the other sessions in the Auditorium
Congress coffee breaks & lunches - Port Vell

2nd ESSD CONGRESS			
Friday 26 Oct		Saturday 27 Oct	
ESSD Board Meeting		ESSD General Assembly	
Session 1: Standardization of screening and assessment		Session 6: Respiratory Complications of OD	Session 7* : Education Session 8*: best posters /mini-orals
Coffee Break		Coffee Break	
Session 3: OD in Geriatric Patients	Session 2*: OD in Children	Session 9: Clinical relevance of OD...	Session 11*: Clinical Qs Session 10*: best posters /mini-orals
Lunch Fresenius-Kabi Symposium*		Lunch poster viewing	
Opening Ceremony		Session 12: Behavioural treatments and rehabilitation	
Session 4: Standardization of diagnostic methods		Coffee Break	
Coffee Break		Session 13: Dietary management, looking for a consensus	
Session 5: Nutritional Complications of OD		Closing ceremony	
Congress Dinner‡			

Partners:

1. ESSD
2. Acadèmia de Ciències Mèdiques de Catalunya i les Balears
3. Acadèmia de Ciències Mèdiques, Filial del Maresme
4. Agència d'Informació, Avaluació i Qualitat en Salut, Observatori de Salut de Catalunya
5. CIBERehd and Instituto de Salud Carlos III (Ministry of Health)
6. Delegació de Salut de l'Ajuntament de Barcelona
7. Departament de Salut de la Generalitat, Pla General de Malaltia Vascular Cerebral
8. European Stroke Organization

9.00-9.30 **Welcome Presentation Objectives of the Course**

President of ESSD, *Clavé, Pere*

Assistant Director, Centro de Investigación Biomédica en Red en el Área temática de Enfermedades Hepáticas y Digestivas CIBERehd, *Bruix, Jordi*

Catalan Pla Director de Malalties Cerebrals Vasculars, Vice President European Stroke Organization, *Chamorro, Àngel*

9.30-11.00 **Introduction Prevalence of OD in Stroke Patients**

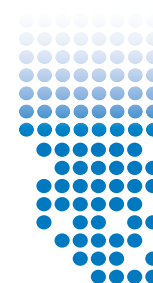
1. OD in Stroke patients – prevalence and burden - *Smithard, David*
2. Screening or initial assessment
 - a. Dysphagia perspective - *Martino, Rosemary*
 - b. Neurological perspective - *Dziewas, Rainer*

Discussion led by *Smithard, David*

11.00-11.30 **Coffee Break**

11.30-13.30 **Pathophysiology of OD in stroke patients**

- a. Neurophysiology of swallowing deficits in stroke patients - *Hamdy, Shaheen*
 - b. VFS signs, Impaired swallow response in stroke patients - *Clavé, Pere*
- Discussion led by *Ickenstein, Guntram*



Consequences of dysphagia in patients with stroke: impact on prognosis

- a. Malnutrition and dehydration – Feeding policies in patients with stroke with reference to the FOOD studies - *Smithard, David*
 - b. Aspiration pneumonia in stroke patients - *Ickenstein, Guntram*
- Discussion led by *Martino, Rosemary*

13.30-14.30 **Lunch**

14.30-16.00 **Treatment of OD in stroke patients**

- a. Behavioural strategies - *Speyer, Renée*
 - b. Pharyngeal electrical stimulation - *Hamdy, Shaheen*
 - c. Pharmacological treatment - *Rofes, Laia*
- Discussion led by *Dziewas, Rainer* and *Clavé, Pere*

16.00-16.30 **Coffee Break**

16.30-17.30 **Position Statement** The basis for a clinical guideline for managing OD in stroke patients

Smithard, David – UK,
Ickenstein, Guntram – Germany
Hamdy, Shaheen – UK
Chamorro, Angel – Spain, Vice President European Stroke Organization
Martino, Rosemary – Canada
Speyer, Renée – Netherlands
Clavé, Pere – Spain
Laviano, Alessandro – Italy, President of the Educational Committee, ESPEN
Escarabill, Joan – Agència d'Informació, Avaluació i Qualitat en Salut. Observatori de Salut de Catalunya, AIAQS
Dziewas, Rainer – Germany
Endorsed by CIBERehd, Acadèmia Ciències Mèdiques, AIAQS, ESPEN, European Stroke Organization

18.30 **Welcome Reception**

President ESSD *Clavé, Pere*
Delegada de Salut de l'Ajuntament de Barcelona, *Iniesta, Cristina*

Port Vell

9:00-11:00

Session 1. Standardization of clinical methods for screening and assessment of OD (ESSD-DRS)

Chairs: *Speyer, Renée and Martino, Rosemary*

1. Clinical methods for screening and assessment of OD in adults, ESSD perspective
Speyer, Renée
2. Clinical methods for screening and assessment of OD in adults, DRS perspective
Martino, Rosemary

Oral presentations:

- 01.01 Standardising the clinical swallow examination: does cervical auscultation value-add to clinical decision making with dysphagia management?
Bergström, Liza (Sweden); Hartelius, Lena (Sweden); Svensson, Per (Sweden)
- 01.02 Diagnostic accuracy of the eating assessment tool and the volume-viscosity swallow test for clinical screening and assessment of oropharyngeal dysphagia
Rofes, Laia (Spain); Arreola, Viridiana (Spain); Mukherjee, Rajat (Switzerland); Clavé, Pere (Spain)
- 01.03 Munich dysphagia test – Parkinson's disease (MDT-PD): a new clinical questionnaire for early assessment of dysphagia in Parkinson's disease
Simons, A. Janine (Germany)
- 01.04 Assessment of laryngeal movement during swallowing to detect dysphagia in Parkinson's disease
Suttrup, Inga (Germany); Hamacher, Christina (Germany); Oelenberg, Stefan (Germany); Dziewas, Rainer (Germany); Warnecke, Tobias (Germany)
- 01.05 Development and validation of the Frankfurt dysphagia screening (FRADYSC) for patients with head and neck cancer after tumor resection: first results
Hey, Christiane (Germany); Lange, Benjamin (Germany); Aere, Christina (Germany); Eberle, Silvia (Germany); Stoever, Timo (Germany)

Position Statement on Screening and Clinical Assessment Methods; Use of ICD code for OD
Led by *Speyer, Renée and Martino, Rosemary*

11:00-11:30 **Coffee Break**

Port Vell

11:30-13:00 **Session 2, Parallel, Dysphagia in children**

Room A2&3

Chairs: *Woisard, Virginie and Roig, Manel*

1. Childhood oromotor disorders: definition, classification, natural history and the role for oropharyngeal dysphagia
Roig, Manel
2. Evaluation and management of OD in preterm and newborn infants
Woisard, Virginie and Fichaux-Bourin, Pascale

Oral presentations on OD in children

- 02.01 Clinical and videofluoroscopic characteristics in child post traumatic brain injury
Pinillos, Sergio (Spain); García, Raquel (Spain); Romea, Mayse (Spain); Meavilla, Silvia (Spain); García, Rut (Spain); Febrer, Anna (Spain); Egea, Natalia (Spain); Catalan, Natalia (Spain); Milá, Anna (Spain); Varea, Vicente (Spain); García, Gemma (Spain)
- 02.02 The relationship between recurrent pneumonia and swallowing disorders
Serel, Selen (Turkey); Demýr, Numan (Turkey); Karaduman, A. Aybe Turkey)
- 02.03 Teaching preterm infants to suck and feed: do oral stimulation interventions make a difference?
Greene, Zelda (Ireland); Walshe, Margaret (Ireland); O'Donnell, Colm PF (Ireland)
- 02.04 Development of sucking patterns in preterm infants
da Costa, Saakie (Netherlands)

Position Statement on Dysphagia in Children
Led by *Woisard, Virginie and Roig, Manel*

11:30-13:00 Session 3, Parallel, Oropharyngeal Dysphagia in Geriatric Patients.

Chairs: *Kalf, Hanneke and Ekberg, Olle*

1. Dysphagia and malnutrition as a geriatric syndrome
Clavé, Pere
2. Drooling and dysphagia in patients with Parkinson's disease.
Kalf, Hanneke

Oral presentations on dysphagia and geriatrics

- 03.01 Cortical swallowing activation in dysphagic vs. non-dysphagic patients with Parkinson's disease
Suntrup, Sonja (Germany); Bejer, Joke (Germany); Suttrup, Inga (Germany); Teismann, Inga (Germany); Pantev, Christo (Germany); Dziejwas, Rainer (Germany); Warnecke, Tobias (Germany)
- 03.02 Unexpected epiglottical movements in patients with Parkinsonian syndromes – endoscopic findings and clinical implications
Luecking, Christoph (Germany); Ceballos-Baumann, Andres (Germany); Wagner-Sonntag, Edith (Germany)
- 03.03 Influence of age on the relation between pharyngeal clearance and hyoid movement duration
Nascimento, Weslania (Brazil); Cassiani, Rachel (Brazil); Santos, Carla (Brazil); Dantas, Roberto (Brazil)
- 03.04 Endoscopic pharyngeal pouch stapling – a review of over 300 consecutive cases in Oxford, UK
Bates, James (United Kingdom); Winters, Stuart (United Kingdom); Potter, Chris (United Kingdom); Bates, Grant (United Kingdom)

Position statement on Dysphagia and Geriatrics
Led by *Kalf, Hanneke and Ekberg, Olle*

13:00-14:30 Lunch

Port Vell

13:30-14:30

Fresenius-Kabi Satellite Symposium Standardisation from Dysphagia Diagnosis to Nutrition

Room A2&3

1. Viscosity of texture modified diets - a new perspective
Hanson, Ben
2. Design of Oral Nutrition Supplements Using Rheological Similarity with Swallow Barium Test Feed
Gallegos, Crispulo
3. A step-wise concept for diagnosis and management of neurogenic dysphagia
Ickenstein, Guntram

14:30-14.45

Opening Ceremony

Auditorium

President ESSD, *Clavé, Pere*
President Acadèmia de les Ciències Mèdiques i de la Salut de Catalunya i les Balears,
Net, Àlvar

14:45-16:15

Session 4, Standardization of Diagnostic methods VFS and FEES

Chairs: *Ekberg, Olle and Farneti, Daniele*

1. Endoscopic Evaluation of Swallowing
Schindler, Antonio
2. Videofluoroscopic Evaluation of Swallowing
Clavé, Pere

Oral presentations

- 04.01 A comparison of approaches for measuring functional tongue-pressure reserve
Steele, Catriona (Canada)

- 04.02 The reliability of the MASA dysphagia screening protocol compared to fees for patients in an acute stroke unit
Vanderwegen, Jan (Belgium); Van Nuffelen, Gwen (Belgium); Guns, Cindy (Belgium); De Bodt, Marc (Belgium)
- 04.03 Fees to improve swallowing restoration following transoral robotic surgery - supraglottic laryngectomy (TORS-SL)
Lawson, Georges (Belgium); Mendelsohn, Abie (United States); Remacle, Marc (Belgium); Rijckaert, Myriam (Belgium); Degrelle, Isabelle (Belgium); Delacroix, Laurence (Belgium); Devuyst, Vinciane (Belgium); Bachy, Vincent (Belgium)
- 04.04 Non-radiological measurement of extent and duration of upper esophageal sphincter (UES) opening during swallowing using Endoflip
Regan, Julie (Ireland); Walshe, Margaret (Ireland); Rommel, Nathalie (Belgium); Tack, Jan (Belgium); McMahon, Barry (Ireland)
- 04.05 Pharyngeal phase kinematics in dysphagic stroke patients with monohemispheric lesions: a manoscopic evaluation
Ledl, Christian (Germany); Knerr, Ylva (Germany); Bader, Peter (Germany)

Position Statement on Standardization of Diagnostic Methods, VFS and FEES

Led by Ekberg, Olle and Farneti, Daniele

16:15-16:45 Coffee Break

Port Vell

16:45-18:30 Session 5. Nutritional Complications of OD

Auditorium

Chairs: *Burgos, Rosa and Laviano, Alessandro*

1. Nutritional screening/assessment in patients with OD
Laviano, Alessandro
2. Dysphagia and malnutrition: from screening to nutritional treatment
Burgos, Rosa

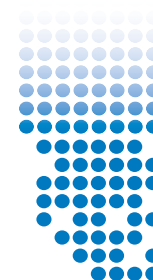
Oral presentations

- 05.01 Feeding route (s) of hospitalized patients in need for phonoaudiological evaluation
Mancopes, Renata (Brazil); Mulazani Maria, Camila (Brazil); Trindade Gonçalves, Bruna Francieli (Brazil); Fávero, Talita (Brazil)
- 05.02 Determining the prevalence and reasons for medication swallowing difficulties in the general population
Cichero, Julie (Australia); Radhakrishnan, Chandramouli (Australia); Raidhan, Aisha (United Kingdom); Smyth, Heather (Australia); Nissen, Lisa (Australia); Steadman, Kathryn (Australia)
- 05.03 Malnutrition as a complication of oropharyngeal dysphagia in specific clinical situations
Carrión, Silvia (Spain); Roca, Maria (Spain); Ortega, Omar (Spain); Arreola, Viridiana (Spain); Clavé, Pere (Spain)
- 05.04 Superior preference for a range of ready-to-drink pre-thickened ONS among clinicians treating dysphagia patients
Kaspar, Kala (Switzerland); Herentrey, Klaus (Switzerland); Pradon, Emmanuel (Switzerland)
- 05.05 Effect of human saliva on the consistency of a newly developed moderately thick oral nutritional supplement for patients with dysphagia
Sliwinski, Edward (Netherlands); Vallons, Katleen (Netherlands); Oudhuis, Lizette (Netherlands)

Position Statement on Nutritional Complications of OD
Discussion led by *Laviano, Alessandro and Burgos, Rosa*



ESSD



9.00-11.00

Session 6, Parallel, Respiratory complications of OD.

Chairs: *Verin, Eric and Almirall, Jordi*

1. Breathing and swallowing coordination in patients with dysphagia
Cichero, Julie
2. Pathophysiology of aspiration pneumonia
Almirall, Jordi
3. Oral health in patients with OD
Nart, Josep

Oral presentations

- 06.02 The association between post-swallow residue and aspiration on the next swallow
Molfenter, Sonia (Canada); Steele, Catriona (Canada)
- 06.03 Aspiration risk in dysphagia patients older than 75 years. A retrospective study at a Swiss University Hospital, 2008-2011
Duan, Jingming (Switzerland); Castiglioni, Kristina (Switzerland); Bohlender, Joerg (Switzerland)
- 06.04 Oropharyngeal dysphagia in patients with obstructive sleep apnea syndrome
Mozzanica, Francesco (Italy); Schindler, Antonio (Italy); Atac, Murat (Italy); Monzani, Anna (Italy); Ceriani, Eleonora (Italy); Ottaviani, Francesco (Italy); Schindler, Antonio (Italy); Atac, Murat (Italy); Sonzini, Giulia (Italy); Ginocchio, Daniela (Italy); Ottaviani, Francesco (Italy)
- 06.05 Pneumonia during neurorehabilitation: randomized trial of the swallowing assessment approaches: facial oral tract therapy vs. fiberoptic endoscopic evaluation of swallowing
Kjaersgaard, Annette (Denmark); Nielsen, Lars Hedemann (Denmark); Sjölund, Bengt (Denmark)
- 06.06 Implementation of a swallowing test in a hospital reduces pneumonia mortality and readmission for pneumonia
Sagalés, Maria (Spain); Cocho, Dolores (Spain); Soler, Núria (Spain); Homs, Isabel (Spain); Cobo, Marivi (Spain); Bao, Pilar (Spain); Pou, Marina (Spain); Mas, Pilar (Spain); Serra, Jordi (Spain).

Position Statement on Respiratory Complications in OD
Led by *Verin, Eric and Almirall, Jordi*

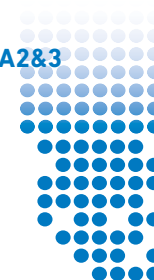
9:00-10:00

Session 7, Parallel, Education: Masters in Dysphagia.

Chairs: Denk-Linnert, Doris-Maria and Cabrera, Esther

1. *The Bologna Declaration: a framework for educational activities in dysphagia and their professional implications*
Cabrera, Esther
2. *Trinity College PGrad Diploma Clinical Speech and Language Studies (Dysphagia)*
Walshe, Margaret
3. *University of Toulouse Master in Dysphagia*
Woisard, Virginie
4. *Turin University Master in Deglutition.*
Schindler, Antonio

Room A2&3



10:00-11:00

Session 8. Best posters presented as mini orals 1.

Chairs: Wagner-Sonntag, Edith and Pokieser, Peter

Mini orals: 08.01 to 08.10

Room A2&3

11:00-11:30

Coffee Break

Port Vell

11:30-13:00

Session 9, Parallel, Clinical relevance of OD in specific clinical situations

Chairs: Denk-Linnert, Doris-Maria and Kynigou, Maria

1. *Dysphagia in patients with lesions of recurrent nerves and head and neck cancer*
Quer, Miquel
2. *OD in neurodegenerative diseases*
Walshe, Margaret

Auditorium



Oral presentations

- 09.01 Tongue base strength changes contribute to postlaryngectomy dysphagia
Printza, Athanasia (Greece); Pavlidou, Elena (Greece); Triaridis, Stefanos (Greece); Constantinidis, Jiannis (Greece)
- 09.02 Clinical consistency in tracheostomy management among speech & language therapists in Republic of Ireland
Downes, Susan (Ireland); Curran, Aongus (Ireland); Walshe, Margaret (Ireland)
- 09.03 Dysphagia after tracheal and laryngotracheal resection
Rechenmacher-Strauß, Julia (Austria); Hoetzenecker, Konrad (Austria); Klepetko, Walter (Austria); Bigenzahn, Wolfgang (Austria); Denk-Linnert, Doris-Maria (Austria)
- 09.04 Pathophysiology of swallowing in dysphagic patients with dystrophia myotonica Type 1: a systematic review.
Pilz, Walmarl (Netherlands); Baijens, Laura (Netherlands)

Position Statements on OD in H&N cancer and in Neurodegenerative Diseases
Led by *Denk-Linnert, Doris-Maria and Kynigou, Maria*

11:30-12:30 Session 10, Parallel, Best posters presented as mini orals 2

Chairs: *Lawson, Georges and Dagdilelis, Lukas*

Room A2&3

Mini orals: 10.01 to 10.10

12:30-13:00 Session 11, Parallel, Clinical questionnaire for OD

Chair: *Speyer, Renée*

1. How to make a clinical session/questions with patients with OD
Pokieser, Peter

Congress Programme

DAY 2

SATURDAY OCTOBER 27
Auditorium

13:00-14:30 Lunch

Port Vell

13.30-14.30 Poster viewing

Room A1

14:30-16:00 Session 12. Behavioural treatments and rehabilitation

Auditorium

Chairs: *Baijens, Laura and Bülow, Margareta*

1. Classic rehabilitation strategies
Speyer, Renée
2. New neurostimulation management strategies
Dziewas, Rainer

Oral presentations

12.01 Bilateral modulation of functional cortical swallowing activity and neurotransmitters concentrations after paired associative brain stimulation: a fMRI and magnetic resonance spectroscopy (MRS) study
Michou, Emilia (United Kingdom); Mistry, Satish (United Kingdom); Vidyasagar, Rishma (United Kingdom); Downey, Darragh (United Kingdom); Williams, Steve (United Kingdom); Hamdy, Shaheen (United Kingdom)

12.02 Tongue pressure production against hard palate during supraglottic swallow and super supraglottic swallow
Fujiwara, Shigehiro (Japan); Ono, Takahiro (Japan); Tamine, Kenichi (Japan); Fujii-Kurachi, Masako (Japan); Hori, Kazuhiro (Japan); Maeda, Yoshinobu (Japan); Sara, Boroumand (Switzerland); Ina, Nitschke (Switzerland); Vith, Ursula (Switzerland); Bohlender, Joerg (Switzerland)

12.03 Metronome therapy to treat dysphagia in patients with Parkinson's disease
Nozaki, Sonoko (Japan); Matsui, Toshihiro (Japan); Yoshikawa, Hiroo (Japan); Kaneto, Taizo (Japan); Domen, Kazuhisa (Japan); Daimon, Takashi (Japan)

ESSD

- 12.04 Neuromuscular electrical stimulation for the treatment of oropharyngeal dysphagia
Jaume Bauza, Gabriel (Spain); Rodriguez-Villalba, Rosana (Spain)

Position Statement on Behavioural Treatments and Rehabilitation
Led by *Baijens, Laura and Bülow, Margareta*

16.00-16.30 Coffee Break

Port Vell

16.30-18.00 Session 13. Treatment 2: Dietary management, looking for a consensus

Auditorium

Chairs: *Cichero, Julie and Clavé, Pere*

1. Adaptation of Fluids and Solids, an Australian perspective
Cichero, Julie
2. Adaptation of Fluids and Solids, a UK perspective
Norrie, Roslyn
3. International terminology and definitions for texture modified foods and liquids.
Lam, Peter

Oral presentations

- 13.01 Bolus rheology and tongue pressure: the two important factors of bolus swallowing
Chen, Jianshe (United Kingdom); Alsanei, Woroud (United Kingdom)
- 13.02 A numerical analysis of the extensional flow through the pharynx
Ascanio, Gabriel (Germany); Salinas, Martin (Mexico); Brito-de la Fuente, Edmundo (Germany); Gallegos, Crispulo (Germany); Vicente, William (Mexico); Marquez, Jorge (Mexico)

Congress Programme

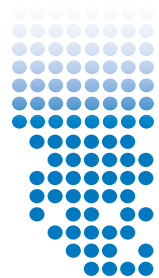
DAY 2

SATURDAY OCTOBER 27
Auditorium

13.03 Therapeutic effect of xanthan gum-based thickener on swallowing function in patients with oropharyngeal dysphagia
Rofes, Laia (Spain); Arreola, Viridiana (Spain); Mukherjee, Rajat (Switzerland); Clavé, Pere (Spain)

13.04 Carbonated liquids as a compensatory strategy for people with dysphagia post-stroke
Tegou, Georgia (Ireland); Sdravou, Katerina (Greece); Dagdilelis, Lukas (Greece); Walshe, Margaret (Ireland)

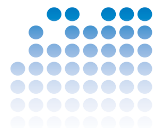
Position Statement on Dietary Management, Looking for a Consensus
Led by *Cichero, Julie and Clavé, Pere*



18.00

Closing Ceremony

Auditorium



Best posters chosen to be presented as mini orals

- 08.01 The effect of 5hz high-frequency repetitive transcranial magnetic stimulation on contra-lesional swallowing motor cortex in post-stroke dysphagic patients; a randomized controlled study
Park, Jin-Woo (Korea, Republic of)
- 08.02 Effects of repetitive transcranial magnetic stimulation and neuromuscular electrical stimulation on dysphagia in patients of unilateral hemispheric stroke
Li, Bingjie (China)
- 08.03 Sustained frequency dependent changes in human pharyngeal motor cortex excitability can be induced by neuronavigated cerebellar repetitive transcranial magnetic stimulation (RTMS)
Vasant, Dipesh (United Kingdom); Mistry, Satish (United Kingdom); Jayasekeran, Vanoo (United Kingdom); Michou, Emilia (United Kingdom); Hamdy, Shaheen (United Kingdom)
- 08.04 Effect of tongue strength training in head and neck cancer (HNC) patients treated with chemoradiation (CRT) or radiotherapy (RT)
Van Nuffelen, Gwen (Belgium); Vanderwegen, Jan (Belgium); Guns, Cindy (Belgium); Van den Steen, Leen (Belgium); De Bodt, Marc (Belgium)
- 08.05 The effect of palatal augmentation prosthesis in head and neck cancer patients with dysphagia: a retrospective multi-center study
Nakajima, Junko (Japan); Nohara, Kanji (Japan); Takahashi, Koji (Japan); Furuya, Junichi (Japan); Taniguchi, Hisashi (Japan); Nakane, Ayako (Japan); Yoshikawa, Mineka (Japan); Minagi, Shogo (Japan); Ozawa, Shogo (Japan); Ono, Takahiro (Japan)
- 08.06 Clinical and endoscopic characteristics of neurogenic dysphagia syndromes
Avdyunina, Irina (Russian Federation); Selivanov, Vladimir (Russian Federation); Inkina, Anna (Russian Federation); Chernikova, Lyudmila (Russian Federation)
- 08.07 Effect of tracheostomy tube occlusion in patients with neurogenic dysphagia
Ledl, Christian (Germany); Knerr, Ylva (Germany); Bader, Peter (Germany)
- 08.08 Coordination of breathing and swallowing in rats with pulmonary emphysema
Ghannouchi, Ines (France); Marie, Jean Paul (France); Verin, Eric (France)

Congress Programme

POSTERS AND MINI ORALS

SATURDAY OCTOBER 27
Room A2&3

- 08.09 Surgical management of intractable aspiration
Nito, Takaharu (Japan); Imai, Naoko (Japan); Yamauchi, Akihito (Japan); Ueha, Rumi (Japan); Yamasoba, Tatsuya (Japan)
- 08.10 Functions of the upper aero digestive tract following radiotherapy and/or chemotherapy for laryngeal carcinoma
Bogaardt, Hans (Netherlands); Heijnen, Bastiaan (Netherlands); Baijens, Laura (Netherlands); Koetsenruijter, Krista (Netherlands)
- 10.01 First congress of the European Society for Swallowing Disorders 2011
Speyer, Renée (Netherlands); Martin, Wendy (Germany)
- 10.02 Assessment of mastication in healthy and CP-children; a validity and reliability study
Remijn, Lianne (Netherlands); Speyer, Renée (Netherlands); da Costa, Saakje (Netherlands); van Limbeek, Jacques (Netherlands); Nijhuis-van der Sanden, Maria (Netherlands)
- 10.03 Improving patient access to videofluoroscopy services: role of the practitioner-led clinic
Newman, Roger (United Kingdom); Knightingale, Julie M. (United Kingdom)
- 10.04 Comparing the rheology of different brands of thickened infant formula and a pre-thickened infant formula
Cichero, Julie (Australia); September, Cindy (Australia); Nicholson, Timothy (Australia)
- 10.05 Analysis of duration of the oral and the pharyngeal phases of swallowing of hard gelatin capsules in asymptomatic adults and elders
Paiva, Deborah (Brazil); Takase, Érica (Brazil); Crespo, Agrício (Brazil); Barcelos, Irene (Brazil); Mourão, Lucia (Brazil)
- 10.06 Swallowing disorders in a institutionalized geriatric population: does the opinion of the elderly, the SLP and the staff converge?
Nogueira, Dália (Portugal); Reis, Elizabeth (Portugal); Lopes, Inês (Portugal); Colaço, Teresa (Portugal)
- 10.07 Adaptation and assessment of reliability and validity of the Greek version of the Okhuma Questionnaire for dysphagia screening
Papadopoulou, Soultana (Greece); Ploumis, Avraam (Greece); Exarhakos, Georgios (Greece); Beris, Alexandros (Greece)
- 10.08 Cricopharyngeal botulinum toxin injection and rehabilitation in patients with severe oropharyngeal dysphagia from inclusion body myositis
Di Pede, Chiara (Italy); Bonsangue, Valentina (Italy); Marchese, Rosario (Italy); Mion, Marta (Italy); Masiero, Stefano (Italy)

- 10.09 Development of a protocol of evaluation of oropharyngeal dysphagia by the Col·legi de Logopedes de Catalunya(CLC)
Garcia, M. (Spain); Pastor, Bibiana (Spain); Ejarque, Judith (Spain)

- 10.10 Volume viscosity test and pulseoximetry as screening for swallowing disorders in subacute stroke patients.
Guillén-Solà, Anna (Spain); Tejero, Marta (Spain); Belmonte, Roser (Spain); Escalada, Ferran (Spain); Muniesa, Josep M^a (Spain); Marco, Ester (Spain)

Poster Session A

Room A4 & foyer

- PA.01 Oropharyngeal dysphagia in acute stroke patients: results of nursing assessment
Sebastián, Marisa (Spain); Palomeras, Ernest (Spain); Monteis, Rosa (Spain); Fàbregas, Cristina (Spain); Ciurana, Ana (Spain); Vila, Rosa (Spain); Fossas, Pilar (Spain)
- PA.02 Benefits of the implementation of a swallowing test in a stroke unit . Preliminary results.
Sagalés, Maria (Spain); Cocho, Dolores (Spain); Homs, Isabel (Spain); Cobo, Marivi (Spain); Bao, Pilar (Spain); Pou, Marina (Spain); Mas, Pilar (Spain); Aloy, Andreu (Spain); Melià, Sussagna (Spain); Perez, Gemma (Spain); Pujol, Gemma (Spain); Sabaté, Rosa (Spain); Serra, Jordi (Spain); Tantiñà, Silvia (Spain)
- PA.03 Evaluation of swallowing function using videofluoroscopy in patients with spinocerebellar ataxia and complaint oropharyngeal dysphagia
Soria, Franciele (Brazil); Furkim, Ana Maria (Brazil); Abdulmassih, Edna (Brazil); Teive, Helio (Brazil); Santos, Rosane (Brazil)
- PA.04 Taking the history in patients with swallowing disorders: an illustration of the clinical practice
Otto, Ferdinand (Austria); Pokieser, Peter (Austria)
- PA.05 Dysphagia management in the acute phase of stroke
Smithard, David (United Kingdom); Fairfield, Carol (United Kingdom); Roffe, Christine (United Kingdom); Enderby, Pamela (United Kingdom)
- PA.06 Detection of the degree of dysphagia and the level of oral intake in the clinical evaluation for the risk of dysphagia
Mancopes, Renata (Brazil); Fávoro, Talita (Brazil); Trindade, Bruna (Brazil); Constantino, Daniela (Brazil); Mulazani, Camila (Brazil)
- PA.07 Protocol to patients with neurogenic dysphagia. Improving safety.
Martínez, Luz (Spain)

- PA.08 Clinical evaluation of swallowing in patients with stroke in the emergency room
Soria, Franciele (Brazil); Furkim, Ana Maria (Brazil); Nunes, Maria Cristina (Brazil); Albini, Rejane (Brazil); Macri, Marina (Brazil); Pinto, Gisele (Brazil); Lange, Marcos (Brazil)
- PA.09 Implantation of a risk assessment protocol for laryngotracheal aspiration
Borges de Oliveira, Maria Cristina (Brazil); Fortes, Dario (Brazil); Pagliotto da Silva, Amanda (Brazil); Cristina, Elaine (Brazil)
- PA.10 Prevalence of dysphagia and malnutrition risk in a "fragile patient hospital unit"
Muñoz de Escalona, Teodosia (Spain); Uroz, A. (Spain); Garrido Fernandez, P. (Spain)
- PA.11 Suprahyoid muscles activity of maximum jaw opening and swallowing in healthy young people
Wada, Satoko (Japan); Tohara, Haruka (Japan)
- PA.12 Relationship between aspiration pneumonia and tracheal aspiration
Soria, Franciele (Brazil); Furkim, Ana Maria (Brazil); Lagos, Hellen (Brazil); Hirata, Gisela (Brazil); Santos, Rosane (Brazil); Celli, Adriane (Brazil); Abdulmassih., Edna (Brazil)
- PA.13 Dysphagia in scleromyositis - case report
Silva, Marta (Portugal); Silva, Marta (Portugal)
- PA.14 Speech therapy criteria for tracheal decannulation in traumatic brain injury patients.
Soria, Franciele (Brazil); Furkim, Ana Maria (Brazil); Santos, Rosane (Brazil); Zanata, Isabel (Brazil); Hirata, Gisela (Brazil)
- PA.15 Dysphagia in adult congenital myopathy: characteristics, management, and outcome
Hill, Fiona (Ireland)
- PA.16 Dysphagia in Huntington disease: a proposal for speech therapy
Montagut Colomer, Núria (Spain); Molinuevo, José Luis (Spain); Barreiro, Soledad (Spain); Gazulla, Dolores (Spain); Muñoz, Esteban (Spain)
- PA.17 Psychogenic dysphagia
Demir, Numan (Turkey); Serel, Selen (Turkey); Karaduman, A. Aybe (Turkey)

PA.18 Dysphagia after treatment of descending necrotizing mediastinitis
Nagai, Miki (Japan) <withdrawn>

Poster session B

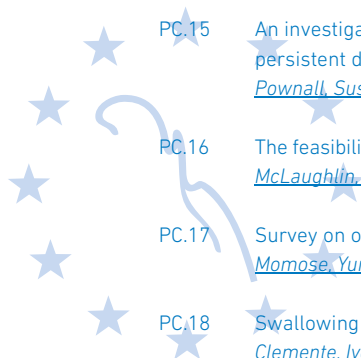
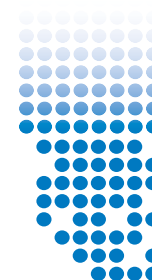
- PB.01 Clinical swallowing evaluation of dementia of the Alzheimer type (DAT) in different stages of disease severity
Vanderwegen, Jan (Belgium); Van Vlasselaer, Kristin (Belgium)
- PB.02 Evaluation of quality of life in patients with stroke and dysphagia
Silveira, Rafaela (Brazil); Miranda, Rúbia (Brazil); Pacheco, Aline (Brazil); Dantas, Roberto (Brazil); Pontes-Neto, Octavio (Brazil)
- PB.03 Comparison of clinical examination and fiberoptic endoscopic evaluation of swallowing in Parkinson's disease
Busch, Roberta (Brazil)
- PB.04 Dysphagia severity and vital capacity in healthy elderly individuals
Takaya, Cora (Brazil); Tiemi, Cláudia (Brazil); Alves da Silva, Marcela (Brazil); Totta, Tatiane (Brazil); Figueiredo, Fabiani (Brazil); Ghedini, Alcione (Brazil); Berretin-Félix, Giédre (Brazil)
- PB.05 Clinical value of fiberoptic endoscopic evaluation of swallowing (FEES) in patients with varying degrees of dementia of the Alzheimer type (dat)
Vanderwegen, Jan (Belgium)
- PB.06 Characterization of the level of oral intake in CVA through speech pathology evaluation
Mancopes, Renata (Brazil); Mello, Fernanda (Brazil); Dorneles, Diego (Brazil); Costa, Cintia Conceição (Brazil)
- PB.07 Screening dysphagia in Parkinson's disease. Comparative study in two stages of evolution
Rion, Olga (Spain); Garnica, Almudena (Spain); Roquer, Esther (Spain)
- PB.08 Eating and swallowing problems in nursing home residents and the access to therapy support
Smithard, David (United Kingdom); Gill, Lyndsey (United Kingdom); Walker, Margaret (United Kingdom); Soliman, Mohamed (United Kingdom)
- PB.09 Prevalence and impact of oropharyngeal dysphagia in a medium to long stay hospital unit
Ros, Rosalia (Spain); Alvarez, Antonio (Spain); Rubio, Cecilia (Spain); Duarte, Enrique (Spain); Antolin, Marta (Spain); Úbeda, Amparo (Spain); Merino, Francisco (Spain)

- PB.10 *Dysphagia among patient's with Parkinson's disease*
Queija, Débora (Brazil); Anacleto, Andrea (Brazil); Portas, Juliana (Brazil); Ferreira, Alessandra (Brazil); Castro, Mario (Brazil); Pfutzenreiter, Élio (Brazil); Bohn, Nathaniele (Brazil); Dedivitis, Rogério (Brazil)
- PB.11 *Swallowing disorders in Parkinson's disease: as frequent and severe as you think?*
Kalf, Hanneke (Netherlands); Bloem, Bastiaan (Netherlands)
- PB.12 *Effect of age, gender, height and body mass index on liquid sucking*
Nascimento, Weslania (Brazil); Kubo, Letícia (Brazil); Dantas, Roberto (Brazil)
- PB.13 *The inclusion of the four principles of biomedical ethics to inform decision making with respect to dysphagia management in populations with advanced dementia*
Leonard, Rachel (Ireland) <withdrawn>
- PB.14 *Medication swallowing difficulties reported by adults with idiopathic Parkinson's disease and oropharyngeal dysphagia*
Sakellariou, Victoria (Ireland); Walshe, Margaret (Ireland)
- PB.15 *Detection of signs of dysphagia in patients in home care*
Lopez Garcia, Carme (Spain); Arroyo Aljaro, Ramon (Spain); Bistuer Lacarra, Anna (Spain); Moller Parera, Mercedes (Spain); Valles, Esther (Spain)
- PB.16 *Prevalence and impact of sarcopenia in a medium to long stay unit*
Rubio, Cecilia (Spain); Duarte, E. (Spain); Beseler, R. (Spain); Gil, R. (Spain); Aljibe, A. (Spain); Moral, P. (Spain); Moreno, I. (Spain); Merino, F. (Spain)
- PB.17 *Withdrawn*
- PB.18 *Effect of human saliva on the consistency of thickened foods for patients with dysphagia*
Sliwinski, Edward (Netherlands); Vallons, Katleen (Netherlands); Oudhuis, Lizette (Netherlands)
- PB.19 *The glycemic index of two gum-containing thickening powders used in the management of dysphagia*
Sliwinski, Edward (Netherlands)

Poster session C

- PC.01 Effect of targeted hypoglossal neurostimulation on tongue strength and endurance
Desuter, Gauthier (Belgium); Francois, Sylvie (Belgium); Deslangle, Valentine (Belgium); Rodenstein, Daniel (Belgium); Rombaux, Philippe (Belgium)
- PC.02 The use of transcutaneous electrostimulation in the treatment of dysphagia: a systematic review
Bogaardt, Hans (Netherlands); Hakkesteegt, Marieke (Netherlands); Speyer, Renée (Netherlands)
- PC.03 Withdrawn
- PC.04 Neuromuscular electrical stimulation (NMES) in head and neck cancer patients treated by radiation therapy with dysphagia.
Woisard, Virginie (France); Puech, Michele (France); Grand, Stephane (France)
- PC.05 Longstanding effect of palatal plate and oral screen training in stroke-related dysphagia
Hägg, Mary (Sweden); Tibbling, Lita (Sweden)
- PC.06 Swallowing neurorehabilitation treatment after posterior cranial fossa surgery. A case study.
Renzetti, Antonella (Italy); Bartolini, Stefano (Italy); Zanello, Marco (Italy); Fattori, Bruno (Italy)
- PC.07 Effect of 8 weeks of tongue strength training on maximum isometric tongue strength in dysphagic patients with neurodegenerative disease
Van Nuffelen, Gwen (Belgium); Vanderwegen, Jan (Belgium); Guns, Cindy (Belgium); Van den Steen, Leen (Belgium); De Bodt, Marc (Belgium)
- PC.08 Do changes in head and neck structures affect swallowing function after radiotherapy in head and neck cancer?
Serel, Selen (Turkey); Demýr, Numan (Turkey); Karaduman, A. Aybe (Turkey); Cengýz, Mustafa (Turkey); Yakut, Yavuz (Turkey)
- PC.09 Effortful swallow with resistive electrical stimulation training improved pharyngeal propulsion in post-stroke dysphagia
Park, Jin-Woo (Korea, Republic of)
- PC.10 The electromyography biofeedback in the treatment of oropharyngeal dysphagia in Parkinson disease: a case study
Silva, Marcela (Brazil); Mituuti, Claudia (Brazil); Berretin-Felix, Giedre (Brazil)

- PC.11 Swallowing therapy in neurogenic swallowing disorders
Demýr, Numan (Turkey); Karaduman, A. Aybe (Turkey); Serel, Selen (Turkey)
- PC.12 Procedon as a tool for follow-up and conduct in neurogenic dysphagia – case report
Mancofes, Renata (Brazil); Constantino Drozd, Daniela Rejane (Brazil); Dorneles Bilheri, Diego Fernando (Brazil); Costa, Cintia Conceição (Brazil); Mello, Fernanda (Brazil)
- PC.13 Longstanding effect of oral sensorimotor training in stroke-related dysphagia
Hägg, Mary (Sweden); Tibbling, Lita (Sweden)
- PC.14 Therapies & techniques used by Irish speech & language therapist working with clients with dysphagia
McCurtin, Arlene (Ireland)
- PC.15 An investigation into the effects of neuro-muscular electrical stimulation (NMES) on swallowing function in patients presenting with persistent dysphagia.
Pownall, Susan (United Kingdom); Enderby, Pamela (United Kingdom)
- PC.16 The feasibility of neuromuscular electrical stimulation for the treatment of oropharyngeal dysphagia at 1 week post stroke- a pilot study
McLaughlin, Carolee (United Kingdom); Fullerton, Ken (United Kingdom); Wiggam, Ivan (United Kingdom)
- PC.17 Survey on oral functional training and required care among community-dwelling frail elderly individuals in Japan
Momose, Yumiko (Japan); Fujino, Ayumi (Japan); Amaki, Nobuko (Japan); Kamakura, Yayoi (Japan)
- PC.18 Swallowing rehabilitation in a young patient with total glossectomy due to neoplasm in Fanconi's anemia: a case report
Clemente, Ivet (Spain); Aviñó, Conxa (Spain); Tobed, Marc (Spain)
- PC.19 Encouraging cortical plasticity in dysphagic patients
Barritt, Andrew (United Kingdom); Smithard, David (United Kingdom)



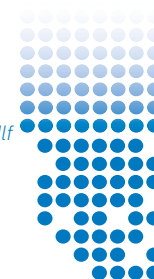
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Poster session D

- PD.01 Killian-Jamieson bilateral diverticulum demonstrated by videofluoroscopic swallowing study: case report
Scheeren, Betina (Brazil); Maciel, Antonio Carlos (Brazil); Kist de Mello, Renato (Brazil); Gonçalves, Caren (Brazil)
- PD.02 The usefulness of transnasal esophagoscopy in the evaluation of patients with deglutition disorders
Farneti, Daniele (Italy); Genovese, Elisabetta (Italy); Chiarello, Giulia (Italy); Pastore, Antonio (Italy)
- PD.03 Is it possible to predict the success of myotomy in non-Zenker related cricopharyngeal dysphagia?
Feussner, Hubertus (Germany)
- PD.04 Withdrawn
- PD.05 Is the cough test useful for diagnosing silent aspiration after stroke onset?
Guillén-Solà, Anna (Spain); Chiarella, Sandra (Spain); Alvarado, Martha ligia (Spain); Boza, Roser (Spain); Duarte, Esther (Spain); Marco, Ester (Spain)
- PD.06 Rate of diagnosis and treatment recommendations for oropharyngeal dysphagia at discharge reports of patients with acute stroke in a tertiary hospital
Carrión, Francisca (Spain); Pozuelo, Rocío (Spain); García, Inmaculada (Spain); Pérez, M^a Belén (Spain); Rodríguez, Sofía (Spain)
- PD.07 Acoustic and ultrasonic study of pharyngeal swallowing in healthy subjects based on the volume and the consistency of the bolus.
Hammoudi, Karim (France); Marmouset, Franck (France); Boiron, Michèle (France); Patat, Frédéric (France); Beutter, Patrice (France); Morinière, Sylvain (France)
- PD.08 Pilot study: relationship with the NIHSS dysphagia in patients with acute ischemic stroke
Soria, Franciele (Brazil); Furkim, Ana Maria (Brazil); Nunes, Maria Cristina (Brazil); Pinto, Gisele (Brazil); Lange, Marcos (Brazil); Zetola, Viviane (Brazil)
- PD.09 Withdrawn
- PD.10 Standard laryngotracheal penetration and aspiration in patients with stroke
Soria, Franciele (Brazil); Furkim, Ana Maria (Brazil); Czechowski, Aliana (Brazil); Pinto, Gisele (Brazil); Santos, Rosane (Brazil); Zanata, Isabel (Brazil); Nunes, Maria Cristina (Brazil); Oliveira, Silvia (Brazil)

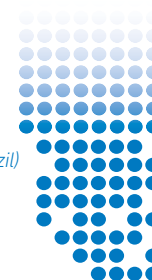
- PD.11 Withdrawn
- PD.12 Neurogenic dysphagia in comprehensive stroke unit care and structural components for a dysphagia program
Ickenstein, Guntram W. (Germany); Isenmann, Stefan (Germany); Ende, Franziska (Germany); Müller, Rainer (Germany); Bodechtel, Ulf (Germany); Reichmann, Heinz (Germany); Meisel, Andreas (Germany)
- PD.13 Recording of speech muscle activities by surface electromyography
Jalilian, Yasaman (Iran); Talebian, Saeed (Iran); Shadmehr, Azadeh (Iran)
- PD.14 Oral health in stroke patients with oropharyngeal dysphagia
Ortega, Omar (Spain); Parra, Carlos (Spain); Zarcero, Silvia (Spain); Nart, José (Spain); Sebastian, Marisa (Spain); Ciurana, Ana M (Spain); Serrano, Estela (Spain); Pradas, Ana (Spain); Clavé, Pere (Spain)
- PD.15 Prescription pattern of thickening agents and hospital admissions due to aspiration in patients with dysphagia
Garin, Noe (Spain); De Pourcq, Jan Thomas (Spain); Cardenete, Joana (Spain); Fonts, Nuria (Spain); Cardona, Daniel (Spain); Manges, Maria Antonia (Spain)
- PD.16 A scoping review of physiological markers associated with impaired swallowing safety: part 2. Hyoid factors
Steele, Catriona (Canada); Cichero, Julie (Australia)
- PD.17 Oral care knowledge and management in an Irish acute hospital setting
Hill, Fiona (Ireland); Ryan Withero, Phillippa (Ireland); Connors, Siobhan (Ireland)
- PD.18 Speech therapist management and pulmonary complications development in dysphagic patients in palliative care
Gonçalves, Aline (Brazil); Nascimento, Weslania (Brazil); Barcelos, Camila (Brazil); Siqueira, Luciana (Brazil); Guedes, Renata (Brazil); Pinto, Aline (Brazil); Netto, Irene (Brazil); Montoni, Neyller (Brazil); Carrara-de Angelis, Elisabete (Brazil)
- PD.19 Identification risk of aspiration pneumonia in two groups of patients with stroke
Soria, Franciele (Brazil); Furkim, Ana Maria (Brazil); Nunes, Maria Cristina (Brazil); Pinto, Gisele (Brazil); Lange, Marcos (Brazil); Zetola, Viviane (Brazil)



Poster session E

- PE.01 Speech and language therapy in a case of bilateral paralysis of the glossopharyngeal after tonsillectomy
Scheeren, Betina (Brazil); Motta, Ligia (Brazil); Moussalle, Sérgio (Brazil)
- PE.02 withdrawn
- PE.03 Management of feeding and swallowing disorders in infants with Prader Willi syndrome: the French reference center for PWS' experience
Fichaux-Bourin, Pascale (France); Diène, Gwenaëlle (France); Molinas, Catherine (France); Cabal-Bertomieu, Sophie (France); Tauber, Maïthé (France)
- PE.04 A descriptive retrospective study on an interdisciplinary intervention for young children with feeding disorders
Remijn, Lianne (Netherlands); Speyer, Renee (Netherlands); Holtus, Petri (Netherlands); van Limbeek, Jacques (Netherlands); Nijhuis-van der Sanden, Maria (New Caledonia)
- PE.05 Enteral feeding in children with cerebral palsy and severe dysphagia.
Soria, Franciele (Brazil); Furkim, Ana Maria (Brazil); Hirata, Gisela (Brazil); Lagos, Hellen (Brazil); Santos, Rosane (Brazil); Celli, Adriane (Brazil); Abdulmassih, Edna (Brazil)
- PE.06 Correlation between general functional level and oromotor functions in Duchenne muscular dystrophy
Necati, Ediz Yilmaz (Turkey); Karaduman, Ayse (Turkey); Demir, Numan (Turkey)
- PE.07 Clinical and videofluoroscopic findings of the oropharyngeal swallowing in the genetic syndromes
Sales, André (Brazil); Cola, Paula (Brazil); Fernanda, Peres (Brazil); Adriana, Jorge (Brazil); Rarissa, Dallaqua (Brazil); Giacheti, Célia (Brazil); Silva, Roberta Gonçalves (Brazil)
- PE.08 Implementation of an oral-motor rehabilitation program in a department of pediatric gastroenterology and nutrition.
Pinillos, Sergio (Spain); García, Raquel (Spain); Milá, Anna (Spain); Ortiz, Catalina (Spain); Meavilla, Silvia (Spain); Castejón, Esperanza (Spain); Martín de Carpi, Javier (Spain); Vila, Víctor (Spain); Varea, Vicente (Spain)
- PE.09 Oropharyngeal dysphagia in children. Evaluation and treatment in a specific unit of a department of pediatric gastroenterology and nutrition
Pinillos, Sergio (Spain); García, Raquel (Spain); Meavilla, Silvia (Spain); Gutiérrez, Alejandra (Spain); Milá, Anna (Spain); Márquez, Adela (Spain); Trías, Marta (Spain); Alcaraz, Ricard (Spain); Ortiz, Catalina (Spain); Varea, Vicente (Spain)

- PE.10 The value of food refusal to infant swallowing disorders. A retrospective analysis of 11 cases.
Marmouset, Franck (France); Pateron, Bénédicte (France); Moriniere, Sylvain (France)
- PE.11 Severity of dysphagia and intake of nutrients in post stroke individuals
Mituuti, Claudia (Brazil); Silva, Tatiane (Brazil); Silva, Marcela (Brazil); Corbini, Lia (Brazil); Santos, Adriane (Brazil); Berretin-Felix, Giedre (Brazil)
- PE.12 Severity dysphagia and oral intake comparison between healthy elderly and post stroke elderly
Mituuti, Claudia (Brazil); Silva, Marcela (Brazil); Bentim, Claudia (Brazil); Berretin-Felix, Giedre (Brazil)
- PE.13 Evaluation of nutritional status in patients with dysphagia due to stroke
Miranda, Rúbia (Brazil); Santos, Rafaela (Brazil); Pacheco, Aline (Brazil); Dantas, Roberto (Brazil); Pontes-Neto, Octávio (Brazil)
- PE.14 A transatlantic comparison of acute dysphagia services
Newman, Roger (United Kingdom); Long, Tony (United Kingdom)
- PE.15 Transoral robotic surgery – total laryngectomy new technique to restore swallowing function in case of laryngeal incompetency
Lawson, Georges (Belgium); Bachy, Vincent (Belgium); Mendelsohn, Abie (United States); Remacle, Marc (Belgium); Rijckaert, Myriam (Belgium); Degrelle, Isabelle (Belgium); Van Der Vorst, Sebastien (Belgium)
- PE.16 Surgical treatments for intractable aspiration
Nito, Takaharu (Japan); Imai, Naoko (Japan); Yamauchi, Akihito (Japan); Ueha, Rumi (Japan); Yamasoba, Tatsuya (Japan)
- PE.17 Staff training and audit: inter-related components of dysphagia management
Walsh, Mary (Ireland)
- PE.18 The deglutition profile
Hiernaux, Anne (Belgium)



ESSD



Congress Programme

SCIENTIFIC INFORMATION

Oral Presentations

Oral Presentations have been included in the programme directly after the invited speakers in each session. All presentations must be downloaded at the speakers' ready room at least 3 hours before the session. Presenters will not be allowed to use their personal computers

Mini Orals

The best posters have been chosen to be presented as mini orals, short 3 min. presentations with 2 min. discussion. All presentations must be downloaded at the speakers' ready room at least 3 hours before the session. Presenters will not be allowed to use their personal computers. A poster should also be displayed with the rest of the posters

Posters

Posters will be displayed throughout the congress in rooms A4 & foyer. Poster viewing sessions have been programmed on Saturday from 12:30 to 13:30 during the lunch break

Posters must be mounted before 9 am Friday 26 October, the room will be available on Thursday and Wednesday afternoon. Authors are asked not to remove them before Saturday evening. Posters which are not collected will be discarded

Satellite symposium

Fresenius-Kabi is offering a Satellite Symposium on "Standardisation from Dysphagia Diagnosis to Nutrition" during the lunch break from 13.30 to 14.30 on Friday 26th in Room A2&3

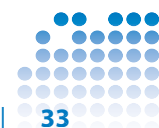
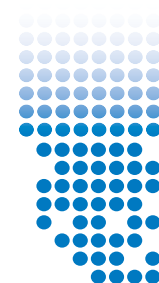
Speakers' ready room

Presenters can preview their presentations here and must download them at least 3 hours before the session. It will open from 8:00 to 18:00 Thursday, Friday and Saturday
Presenters will not be allowed to use their personal computers

Abstract book

Abstracts have been reproduced in electronic format and uploaded in a USB stick and on the congress website

USB sticks have been sponsored by Nutricia and will be distributed from the registration desk



Congress Programme

CONGRESS INFORMATION

Accreditation

A certificate of attendance can be picked up from the registration desk at the end of the congress
We have applied for Continuous Medical Education (CME) credits and delegates will be informed when they are awarded

Languages

The official language of the congress is English. Simultaneous translation into Spanish will be provided during the pre-congress course and congress in the Auditorium only

Programme changes

Delegates will be informed of any last-minute changes that have been made to the programme

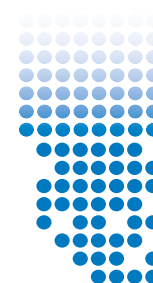
Registration

On-site registration is available but places are limited and material cannot be guaranteed. Delegate registration includes:

- Access to all congress sessions and commercial exhibition
- Delegate bag including all congress materials and a name badge
- USB stick with all the abstracts
- Lunches and coffee breaks according to the programme
- Welcome Reception on Thursday 25 October 2012 at 18:30 pm

The registration desk will be open:

Thursday 25 October	8:00 – 19:00
Friday 26 October	8:00 – 18:30
Saturday 27 October	8:30 – 18:30



Congress Programme

SCIENTIFIC INFORMATION

Welcome reception

The welcome reception will be held in the World Trade Centre in Port Vell at 18:30 on Thursday, 25 October.



Congress Dinner

The congress dinner will take place on Friday 26 October 2012 at 8.30 at the Hotel Casa Fuster, Passeig de Gracia 132, www.hotelescenter.es/casafuster/ an emblematic building in the centre of Barcelona. Tickets are 60€ and are available on the congress website www.essd2012.org. To ensure places tickets should be booked in advance.



Congress Programme

SCIENTIFIC INFORMATION

World Trade Centre (WTC)

Moll de Barcelona, s/n
Edifici Est 1ª planta
08039, Barcelona
Telephone +34 935 088 000
Fax +34 935 088 010
Web page: www.wtcbarcelona.com
e-mail: pac@wtcbarcelona.es

To get to the WTC you can use:

Metro: L2 and L3, Drassanes and Paral·lel
Buses: 20, 21, 36, 59, 64, 91, 120, D20, N0 and N6
GPS coordinates:
41° 22' 17" N / N 41.371388
2° 10' 54" E / E 2.181666

Hotel Casa Fuster

Passeig de Gracia, 132
08002, Barcelona
Telephone: + 34 932 553 000
www.hotelescenter.es/casafuster/

You can get to Hotel Casa Fuster from WTC by:

- Metro Línea 3 from Drassanes in the Ramblas, direction Trinitat Nova to Diagonal – 5 stops
- Bus Nº 20 from WTC to Diagonal/Rosselló, 13 stops, 40 mins
- Taxi (approx. 10 euros)

Barcelona-El Prat Airport

Barcelona-El Prat Airport is located south-west of the city of Barcelona. The airport has 2 terminal buildings T1 and T2. There is a special service bus "Aerobús" leaving every 5 min. from T1 and every 10 min. from T2. This service costs 5,75 € and will take you to the centre of Barcelona in about 35 min. You may also use train (located at T2) to Passeig de Gracia, 27 min. To get from T1 to T2 there is an internal bus connecting every 6-7 min. and it is a free service.

European Society for Swallowing Disorders

<http://www.myessd.org/>

Congress Scientific Secretariat

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Mrs Jane Lewis, executive officer

Congress Secretariat AOPC

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City or town: Barcelona
Tel: +34933027541
congress@aopc.es

Congress Website

<http://www.essd2012.org/>

Congress Programme

EXHIBITION / FLOOR PLAN / ACKNOWLEDGEMENTS

Port Vell

Acknowledgements

Exhibition is located in the Port Vell where the coffee breaks and lunches will be served. The exhibition will be open on Friday 26 October from 11:00 to 18:30 and Saturday from 9:00 to 18:30

ESSD and the Local Organizing Committee would like to thank all the sponsors for their participation and support, particularly the Gold Sponsors: Freseniu-Kabi and Nutricia and the Silver Sponsor DJO Global.

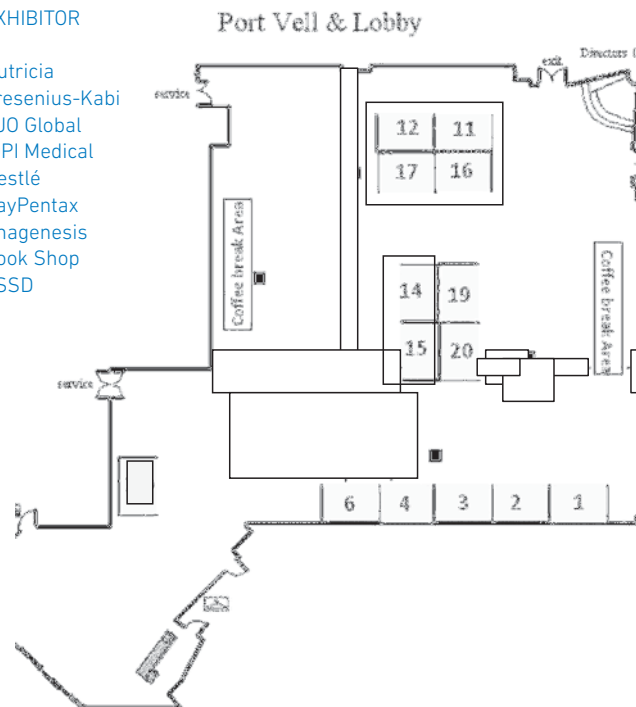
We would also like to thank the following institutions for their endorsement:

Acadèmia de Ciències Mèdiques de Catalunya i les Balears
Acadèmia de Ciències Mèdiques filial del Maresme
Agència d'Informació, Avaluació i Qualitat en Salut.
Observatori de Salut de Catalunya
CIBERehd and Instituto de Salud Carlos III (Ministry of Health)
Delegació de Salut de l'Ajuntament de Barcelona
Departament de Salut de la Generalitat, Pla General de Malaltia Vascular Cerebral
European Stroke Organization

Finally we would like to thank the speakers, chairs and scientific committee for giving their time and expertise and whose support is greatly appreciated.

Exhibition

BOOTH	EXHIBITOR
11-12-16-17	Nutricia
14-15	Fresenius-Kabi
20	DJO Global
4	IOPI Medical
6	Nestlé
2	KayPentax
1	Phagenesis
19	Book Shop
Lobby	ESSD



Congress Programme

SPONSORS & EXHIBITORS

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DJO Global, Inc. is a leading global provider of high-quality, orthopedic

devices, with a broad range of products used for rehabilitation, pain management and physical therapy. We are the largest non-surgical orthopedic rehabilitation device company in the United States and among the largest globally, as measured by revenues. Many of our products have leading market positions. We believe that our strong brand names, comprehensive range of products, focus on quality, innovation and customer service, extensive distribution network, and our strong relationships with orthopedic and physical therapy professionals have contributed to our leading market positions. We believe that we are one of only a few orthopedic device companies that offer healthcare professionals and patients a diverse range of orthopedic rehabilitation products addressing the complete spectrum of preventative, pre-operative, post-operative, clinical and home rehabilitation care. Our products are used by orthopedic specialists, spine surgeons, primary care physicians, pain management specialists, physical therapists, podiatrists, chiropractors, athletic trainers and other healthcare professionals to treat patients with musculoskeletal conditions resulting from degenerative diseases, deformities, traumatic events and sports-related injuries.

Our brands: AIRCAST, DONJOY, PROCARE, COMPEX, CHATTANOOGA, CMF, DJO SURGICAL, DR. COMFORT, EXOS, EMPI



Fresenius Kabi is the leader in infusion therapy and clinical nutrition in Europe and in the most important

countries of Latin America and Asia Pacific. Within I.V. generic drugs, Fresenius Kabi counts among the leading suppliers in the U.S. market.

The company is focused on the therapy and care of critically and chronically ill patients in and outside the hospital.

Fresenius Kabi has more than 24,000 employees worldwide and a global network of around 55 sales organizations and more than 60 production sites and compounding centers.

The Iowa Oral Performance Instrument (IOPI)

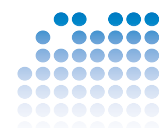
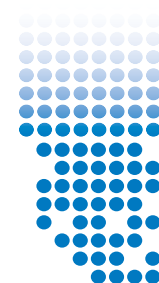
Objectively measures tongue and lip strength as well as providing biofeedback for oral motor exercise. These measures aid professionals in the treatment and study of dysphagia by objectively documenting deficits that justify treatment, diagnostically differentiating between muscle weakness and problems of motor control, and motivating patients by showing them their progress from muscle exercise therapy.



KayPENTAX and PENTAX Medical are world leaders

in Speech, Voice and Swallowing Instrumentation.

The Digital Swallowing Workstation is the most comprehensive platform available for dysphagia. This



Congress Programme

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unique to the market concept is comprised of a mobile modular system to deliver full visualization and integration of synchronized signals.

This allows you to assess and treat patients suffering from dysphagia in the best and most comprehensive way.



Medicina & Mercado, S. L. distributes Medical Measurement Systems (MMS) in Spain. MMS is a worldwide leading company in the digestive motility diagnostic equipment, highlighting the latest

research techniques in swallow disorders as high-resolution manometry and ambulatory impedance.

Medicine & Mercado, SL, is a competitive and firmly established company in the market with a wide distribution network throughout the country.

NestléNutritionInstitute The Nestlé

Nutrition Institute (NNI) fosters "Science for Better Nutrition". We are convinced that innovative, science-based nutrition can help enhance the quality of people's lives all over the world. The role of the NNI is to:

- contribute to proper nutrition information and education of healthcare providers
- partner with the medical and scientific community by providing enhanced access to the latest knowledge in nutritional sciences to enable continual improvement to healthcare of people of all ages

- foster the communication of sound nutrition research by helping to connect the scientific community with Nestlé Research.



Nutricia is a specialised healthcare unit of Danone, one of the fastest-growing food companies in the world. Nutricia expands and completes Danone's mission to bring health through food to as many people as possible, by focusing on support for vulnerable people who are at nutritional risk for health reasons. Nutricia develops innovative, science-based nutrition concepts that deliver proven benefits and better clinical outcomes for patients, and so help to lower the overall cost of their care. Working in partnership with doctors, health care professionals, and caregivers, the company offers a very broad range of products for many conditions and age groups, especially in paediatrics, in critical care, and in the management of old age and frailty. In Dysphagia, Nutricia will soon launch a complete portfolio of thickeners and pre-thickened nutritional supplements in all three viscosity stages to ensure adequate nutritional status, as well as pre-thickened and flavoured water. All products for dysphagia patients are amylase-resistant.



Phagenesis®: Transforming the lives of people with dysphagia, using revolutionary treatments developed through a commitment

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to scientific and clinical excellence. Phagenyx™ is the first commercially available product and enables clinicians to treat the cause of dysphagia rather than simply manage the consequences. Phagenyx™ provides electrical pharyngeal stimulation that induces cortical reorganisation following a stroke to restore control of swallowing.



Tonusline is one of the major players in the oral clinical nutrition in France,

particularly specialized in chewing and swallowing troubles. Our 16 years of experience are based on a strong culture of dietetics and scientific approach reinforced by permanent links with hospital dietary services. Our products ranges respond to the nutritional disorders caused by specific pathologies (cancers, Alzheimer, Parkinson, palliative care, ENT diseases, postoperative trauma, ...) provoking digestive disorders, dysphagia troubles, temporary or permanent intolerance to lactose...We propose a large variety of products (sweetened, sugared, lactose-free, enriched in vitamins and minerals or high fiber) and the various choice of flavors with exceptional organoleptic properties. Our ambition is to become a reference in oral re-nutrition particularly for aged population target of patients, in hospital and homecare environments on European markets.



Vegenat is an innovative Spanish company in the field of artificial and clinical nutrition that develops products with international patents covering specific nutrients, macronutrients profiles and products that cater to the needs of the patients for whom they are intended. The scientific and technological research is one of the fundamental pillars of Vegenat. It has always chosen a policy of constant stimulus of development and innovation, based on knowledge, business experience and the latest advances in its field.



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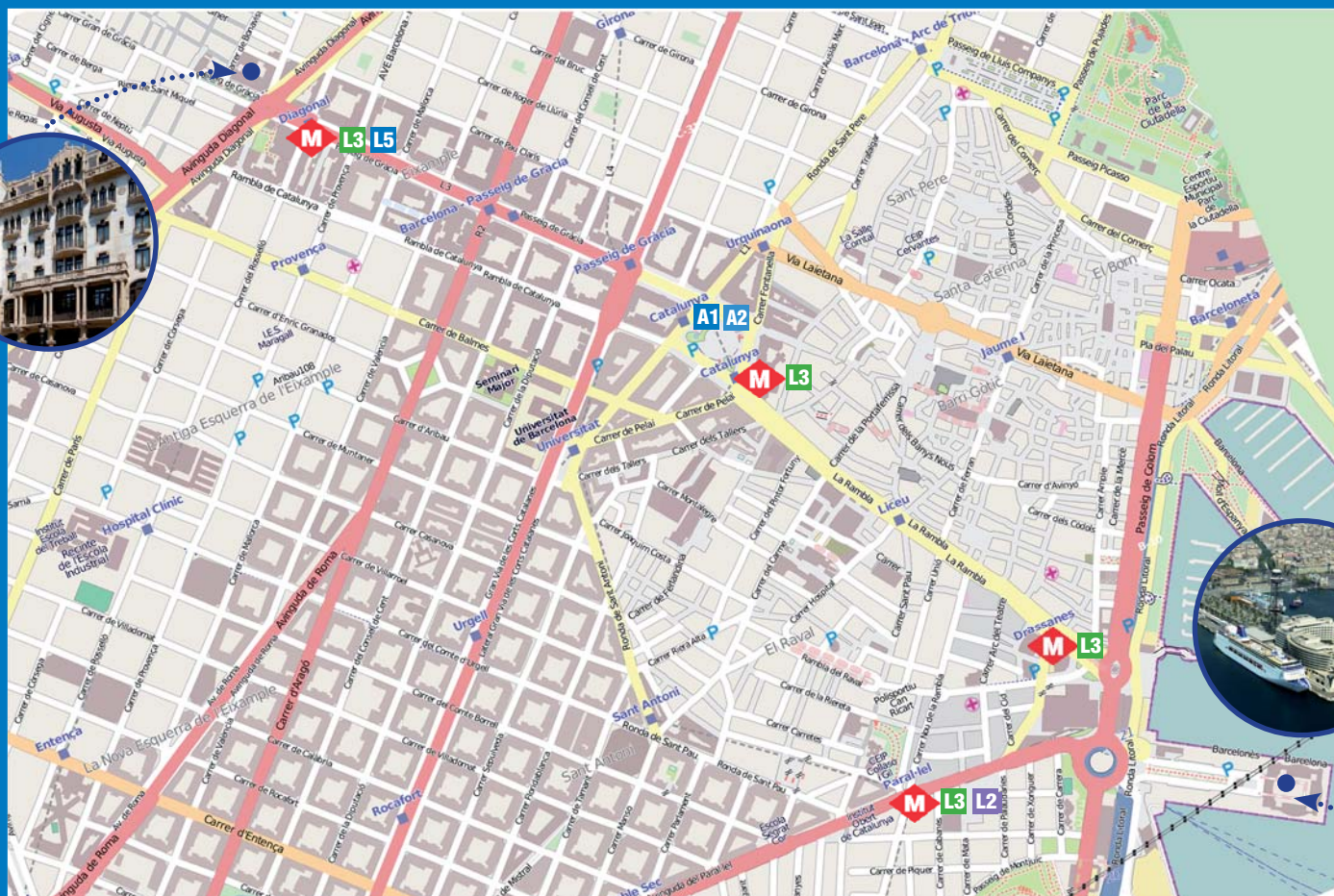
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Moral, P.	PB.16	Park, Jin-Woo	08.01, PC.09	Rommel, Nathalie	04.04	Suttrup, Sonja	04.04	Wiggam, Ivan	PC.16
Moreno, I.	PB.16	Parra, Carlos	PD.14	Roquer, Esther	PB.07	Suttrup, Inga	08.05	Williams, Steve	12.01
Morinière, Sylvain	PD.07	Pastor, Bibiana	10.09	Ros, Rosalia	PB.09	Svensson, Per	10.05	Winters, Stuart	03.04
Motta, Ligia	PE.01	Pastore, Antonio	PD.02	Rubio, Cecilia	PB.09, PB.16	Tack, Jan	PB.04	Woisard, Virginie	PV.04
Mourão, Lucia Figueiredo	10.05	Patat, Frédéric	PD.07	Ryan, Philippa	PD.17	Takahashi, Koji	PD.13	Yakut, Yavuz	PC.08
Moussalle, Sérgio	PE.01	Pateron, Bénédicte	PE.10	S Ferreira, Alessandra	PB.10	Takase, Érica	12.02	Yamasoba, Tatsuya	08.09, PE.17
Mozzanica, Francesco	06.03	Pavlidou, Elena	09.01	S Queija, Débora	PB.10	Takaya, Cora	08.05	Yamauchi, Akihito	PE.17
Mukherjee, Rajat	PD.06	Pérez, M* Belén	PD.06	Sabaté, Rosa	PA.02	Talebrian, Saeed	PE.03	Yoshikawa, Hiroo	08.05
Mulazani Maria, Camila	01.02, 13.03	Perez, Gemma	PA.02	Sagales, Maria	06.05, PA.02	Tamine, Kenichi	13.04	Zanata, Isabel	PA.15, PD.15
Müller, Rainer	05.01, PA.06	Pilz, Walmar	09.04	Sakellariou, Victoria	PB.14	Taniguchi, Hisashi	03.01	Zanello, Marco	PC.06
Munies, Josep M*	PD.12	Pinillos, Sergio	02.01, PE.08, PE.09	Sales, André	PE.07	Tantiñá, Silvia	PA.03	Zarcelo, Silvia	PD.08, PD.19
Muñoz De Escalona, Teodosia	10.10	Pinto, Aline	PD.18	Salinas, Martin	13.02	Tauber, Maithé	10.10	Zetola, Viviane	
Muñoz, Esteban	PA.17	Pinto, Gisela	PA.08, PD.08, PD.10, PD.19	Santos, Adriane	PE.11	Tegou, Georgia	PC.05, PC.13		
Nakajima, Junko	08.05	Ploumis, Avraam	10.07	Santos, Carla	03.03	Teismann, Inga	PB.04		
Nakane, Ayako	08.05	Pokieser, Peter	PA.04	Santos, Rafaela	PE.13	Teive, Helio	PC.18		
Nart, José	PD.14	Potes-Neto, Octavio	PB.02, PE.13	Santos, Rosane	PA.03, PA.12, PA.15, PD.10, PE.05	Tejero, Marta	PB.04		
Nascimento, Westania	03.03, PB.12, PE.06	Potter, Chris	03.04	Sara, Boroumand	12.02	Tibbling, Lita	PC.18		
Necati, Ediz Yilmaz	PD.18	Pou, Marina	06.05, PA.02	Scheeren, Betina	PD.01, PE.01	Tiemi, Cláudia	PC.11		
Netto, Irene	10.03	Pownall, Susan	PC.15	Schindler, Antonio	06.03	Tobed, Marc	PA.11		
Newman, Roger D.	10.03	Pozuelo, Katerina	PD.06	Sdravou, Katerina	13.04	Tohara, Haruka	PB.04		
Nicholson, Timothy	10.04	Pradas, Ana	PD.14	Sebastián, Marisa	PA.01	Totta, Tatiane			



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